# CLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Docket No. <u>YOR920030274US1</u> Customer No.: 22032

As below named inventors, we hereby declare that:

the specification of which

Our residences, post office addresses and citizenships are as stated below next to our respective names.

We believe we are the original and first joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### A METHOD OF FORMING CLOSED AIR GAP INTERCONNECTS AND STRUCTURES FORMED THEREBY

(check one)		is attached hereto	).	
	XXX		tember 19, 2003 as Application Serd on (if applicable).	ial No. <u>10/666,565</u>
We hereby state that wincluding the claims, a			estand the contents of the above-identerated to above.	tified specification,
			Patent and Trademark Office all info cation as defined in Title 37, Code of	
application(s) for pater	nt or inve for paten	entor's certificate(s t or inventor's cert	Fitle 35, United States Code, §119 of s) listed below and have also identificate(s) having a filing date before	ed below any
Prior Foreign Application	<u>n(s)</u>			Priority Claimed
(Number)		(Country)	(Day/Mon/Year Filed)	Yes No
(Number)		(Country)	(Day/Mon/Year Filed)	Yes No
(Number)		(Country)	(Day/Mon/Year Filed)	Yes No

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status - patent, pend., abandon.)
(Application Serial No.)	(Filing Date)	(Status - patent, pend., abandon.)

POWER OF ATTORNEY: As named inventors, we hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

NAMES	REGISTRATION NUMBERS
Kevin M. Jordon	40,277
Christopher A. Hughes	26,914
John E. Hoel	26,279
Joseph C. Redmond	18,753
Douglas W. Cameron	31,596
Louis P. Herzberg	41,500
Stephen C. Kaufman	29,551
Daniel P. Morris	32,053
Paul J. Otterstedt	37,411
Louis J. Percello	33,206
Robert M. Trepp	25,933
Thu Ann Dang	41,544
Derek S. Jennings	41,473
Gail H. Zarick	43,303
Richard M. Ludwin	33,010
Alison D. Mortinger	39,306
Timothy M. Farrell	37.321
Wan Yee Cheung	42,410

SEND CORRESPONDENCE TO:	DIRECT TELEPHONE CALLS TO:
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Ohlandt, Greeley, Ruggiero & Perle, L.L.P.	Paul D. Greeley, Esq.
One Landmark Square, 10th Floor	Telephone: (203) 327-4500
Stamford, Connecticut 06901-2682	Telefax: (203) 327-6401

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR			
	SAENGER	KATHERINE	L
RESIDENCE &	CITY	STATE OR COUNTRY	CITIZENSHIP
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Inventor's signature	Kathorine J. Saenger	Date Nov. 17 , 2003
	Katherine L. Saenger	

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
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	SURENDRA	WARESWARAN	
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Inventor's signature \_\_\_\_

Maheswaran Surendra

Date Nov 25, 200

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Inventor's signature	Date	, 2003
Anna Karecki for Simon M. Karecki		

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
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	118 ROOSEVELT DRIVE	NEW YORK	12570

Inventor's signature	Letter	Date	11/17/2003
ε =	Satva V. Nitta		i '

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
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	PURUSHOTHAMAN	SAMPATH	
RESIDENCE &	CITY	STATE OR COUNTRY	CITIZENSHIP
CITIZENSHIP			
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Inventor's signature Sampath Purushothaman

Date Nov 17, 2003

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR			
	COLBURN	MATTHEW	E
RESIDENCE &	CITY	STATE OR COUNTRY	CITIZENSHIP
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Inventor's signature

Matthew E. Colburn

Date 1/7, 2003

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR			
	DALTON	TIMOTHY	J
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ADDRESS		RIDGEFIELD,	
	72 SARAH BISHOP ROAD	CONNECTICUT	068877

Inventor's signature \_

Timothy J. Dalton

Date 1/25, 2003

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR	Engi induz		
OF INVENTOR	HUANG	ELBERT	, in the second
1	HUANG	EDDERI	
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ADDICESS	21 CHURCH STREET	NEW YORK	10591

Inventor's signature

**Elbert Huang** 

Date 11/17 , 2003

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

JAN C 8 20C4

Docket No. <u>YOR920030274US1</u> Customer No.: <u>22032</u>

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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	COLBURN	MATTHEW	E
RESIDENCE & CITIZENSHIP	CITY	STATE OR COUNTRY	CITIZENSHIP
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Inventor's signature _		Date	, 2003
	Matthew E. Colburn		

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	DALTON	TIMOTHY	J
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	72 SARAH BISHOP ROAD	CONNECTICUT	068877

Inventor's signature		_ Date	, 2003
	Timothy J. Dalton		

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OF INVENTOR			
	HUANG	ELBERT	
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Inventor's signature		Date	, 2003
	Elbert Huang		

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OF INVENTOR		]	
	KARECKI	SIMON	M
RESIDENCE &	CITY	STATE OR COUNTRY	CITIZENSHIP
CITIZENSHIP			
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POST OFFICE	P.O. ADDRESS	CITY & STATE	ZIP CODE
POST OFFICE ADDRESS	P.O. ADDRESS	CITY & STATE POUGHKEEPSIE,	ZIP CODE
	P.O. ADDRESS  1B JACKMAN DRIVE		ZIP CODE 12603

Inventor's signature	Marecly	Date	/////, 2003
Ann	a Karecki for Simon M/Karecki		7-7

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR			
	NITTA	SATYA	V
RESIDENCE &	CITY	STATE OR COUNTRY	CITIZENSHIP
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ADDRESS		POUGHQUAG,	
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Inventor's signature	Date	, 2003
Satva V. Nitta		

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR			
	PURUSHOTHAMAN	SAMPATH	
RESIDENCE &	CITY	STATE OR COUNTRY	CITIZENSHIP
CITIZENSHIP			
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POST OFFICE	P.O. ADDRESS	CITY & STATE	ZIP CODE
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Inventor's signature	Date	, 2003
Samnath Purushothaman		

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	SAENGER	KATHERINE	L
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Inventor's signature		Date	, 2003
	Katherine L. Saenger		

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR			
	SURENDRA	MAHESWARAN	
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CITIZENSHIP			
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POST OFFICE	P.O. ADDRESS	CITY & STATE	ZIP CODE
ADDRESS		CROTON-ON-HUDSON,	
	64 GRAND STREET	NEW YORK	10520

Inventor's signature		Date	, 2003
•	Maheswaran Surendra		



## S COURT OF THE STATE OF NEW DUTCHESS COUNTY

#### CERTIFICATE OF APPOINTMENT OF FIDUCIARY

File No. 90899/20.01

IT IS HEREBY CERTIFIED that Letters in the Estate of the decedent named below have been granted by this Court as follows:

NAME OF DECEDENT:

Simon M. Karecki

DOMICILE OF DECEDENT:

Town Of Poughkeepsie

DATE OF DEATH:

May 13, 2001

FIDUCIARY(S) TO WHOM

LETTERS ARE ISSUED:

Anna Dorota Karecka

TYPE OF LETTERS ISSUED: LETTERS OF ADMINISTRATION

DATE LETTERS ISSUED:

July 6, 2001

LIMITATIONS ON LETTERS:

NONE

and such letters are unrevoked and in full force as of this date.

Dated: July 6, 2001

IN TESTIMONY WHEREOF, the seal of the

Surrogate's Court of Dutchess County has been

affixed.

L.S.

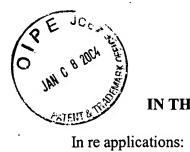
WITNESS: Hon. James D. Pagones, Surrogate of

the County of Dutchess.

lerk of the Surrogate's Court

## THIS CERTIFICATE IS NOT VALID WITHOUT THE RAISED SEAL OF THE COURT

Note: SCPA 710 PROVIDES IN PART: "4. No fiduciary shall remove property of the estate ithout the state without the prior approval of the Court and upon filing a bond if equired by the Court.")



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Colburn et al.

Serial No.:	10/666,564	
Filing Date:	September 19, 2003	
For:	A METHOD OF FORMI	NG CLOSED AIR GAP INTERCONNECTS RMED THEREBY
Customer No.:	22032	
Attorney Docket:	YOR920030274US1	
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	)	
<b>DECLARA</b>	TION BY REPRESENTA	TIVE FOR DECEASED
I, Mrs. Anna Doroth	y Karecki, hereby declare th	at I am a citizen of the United States
residing at 152 Monitor Stre	et, Brooklyn, New York 11	222, and that I am executing and signing
the accompanying Declaration	on and Power of Attorney, a	and Assignment as:
the administr	atix of	
the executrix	of the last will and testame	nt of
the legal repr	resentative (or heirs) of	
Full name of deceased inver	itor:	Simon M. Karecki
Country of citizenship of de	ceased inventor:	United States
Residence of deceased inver	ntor:	1B Jackman Drive
		Poughkeepsie, New York 12603
Post office address of decea	sed inventor:	Same as above
That, upon informati	ion and belief, I aver those f	acts that the inventor is required to state.
,,/,-,/		
<u> </u>	, 2003	Simple Street Line
Date · ·		Signature of Mrs. Anna Dorothy Karecki

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Colburn et al.

Serial No.:

10/666,564

For:

A METHOD OF FORMING CLOSED AIR GAP INTERCONNECTS

914 945 4073 TO 912033276401

AND STRUCTURES FORMED THEREBY

Filed:

September 19, 2003

Customer No.:

22032

Examiner:

Not yet assigned

Art Unit:

Attorney Docket No.: YOR920030274US1

IBM Corporation T. J. Watson Research Center Route 134, Box 218 Yorktown Heights, NY 10598

## ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Please recognize Paul D. Greeley, Reg. No. 31,019 and Charles N. J. Ruggiero, Reg. No. 28,468 of the law firm Ohlandt, Greeley, Ruggiero & Perle, L.L.P. with offices at One Landmark Square, 10th Floor, Stamford, Connecticut 06901-2682, as an attorney, with full and complete powers to prosecute this patent application and to transact all business in the Patent and Trademark Office connected therewith.

Please continue to address all correspondence to:

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Ohlandt, Greeley, Ruggiero & Perle, L.L.P.

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Respectfully submitted,

Name: Daniel P. Morris, Esq.

Reg. No.: 32,053 (IBM's Attorney)